

Appl. No. 09/686,563
Amdt. dated June 28, 2004
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group

PATENT

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An identification system comprising:
 - a modem communicating with a telephonic network;
 - a dialog processing device communicating with said telephonic network;
 - a controller communicating with said modem and said dialog processing device to identify a terminating connection of said telephonic network; and
 - software that programs the system to:
 - receive a plurality of telephone numbers relating to terminating connections;
 - use the modem to attempt to establish an analog modem connection to a terminating connection;
 - classify the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;
 - classify the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;
 - use the dialog processing device to monitor the terminating connection during operation of the modem;
 - classify the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;
 - classify the terminating connection as a voice connection if the dialog processing device detects a voice connection; and
 - record an entry relating to the classification in a database.

2-10 (Cancelled)

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11. (Previously Presented) A method of classifying a terminating connection comprising the steps of:

- receiving a plurality of telephone numbers relating to terminating connections;
- attempting to establish an analog modem connection to the terminating connection using a modem;
- classifying the terminating connection as an analog modem if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate greater than about 1000 bits/sec;
- classifying the terminating connection as a facsimile machine if the modem successfully establishes a connection to the terminating connection at a negotiated maximum baud rate less than about 1000 bits/sec;
- monitoring the terminating connection during operation of the modem using a dialog processing device;
- classifying the terminating connection as an ISDN modem if the dialog processing device detects an ISDN modem at the terminating connection;
- classifying the terminating connection as a voice connection if the dialog processing device detects a voice connection; and
- recording an entry relating to the classification in a database.

12-25 (Cancelled)